

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:

10/730,261A

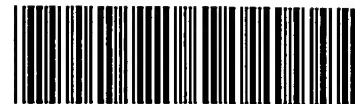
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IFW/6

Date Processed by STIC:

7-6-05

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IFW16

RAW SEQUENCE LISTING

DATE: 07/06/2005

PATENT APPLICATION: US/10/730,261A

TIME: 12:39:07

Input Set : D:\US Utility 50229-418 SubSeq.txt

Output Set: N:\CRF4\07062005\J730261A.raw

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3 <110> APPLICANT: University of Kentucky Research Organization
4     Testa, Stephen M.
5     Bell, Michael A.
7 <120> TITLE OF INVENTION: TRANS-EXCISION-SPLICING RIBOZYME AND METHODS OF USE
9 <130> FILE REFERENCE: 050229-0418
11 <140> CURRENT APPLICATION NUMBER: 10/730,261A
12 <141> CURRENT FILING DATE: 2003-12-09
14 <150> PRIOR APPLICATION NUMBER: 60/431,965
15 <151> PRIOR FILING DATE: 2002-12-10
17 <160> NUMBER OF SEQ ID NOS: 21
19 <170> SOFTWARE: PatentIn version 3.3
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22 <211> LENGTH: 33
23 <212> TYPE: DNA
24 <213> ORGANISM: Artificial Sequence
26 <220> FEATURE:
27 <223> OTHER INFORMATION: Chemically synthesized
30 <220> FEATURE:
31 <221> NAME/KEY: misc_feature
32 <222> LOCATION: (13)..(18)
33 <223> OTHER INFORMATION: Represent altered recognition elements as compared to P-8/4x
35 <400> SEQUENCE: 1
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41 <212> TYPE: DNA
42 <213> ORGANISM: Artificial Sequence
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48 <220> FEATURE:
49 <221> NAME/KEY: misc_feature
50 <222> LOCATION: (15)..(21)
51 <223> OTHER INFORMATION: Represent altered recognition elements as compared to P-8/4x
53 <400> SEQUENCE: 2
54 cgactcacta tagaggttcc cgaaagcggc gtc                                     33
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58 <211> LENGTH: 25
59 <212> TYPE: DNA
60 <213> ORGANISM: Artificial Sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: Chemically synthesized
66 <220> FEATURE:
67 <221> NAME/KEY: misc_feature

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68 <222> LOCATION: (11)..(12)
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86 <222> LOCATION: (14)..(15)
87 <223> OTHER INFORMATION: Represent altered recognition elements as compared to P-8/4x
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90 ctttcgaaag aggcaagact atacc 25
93 <210> SEQ ID NO: 5
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95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
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104 <222> LOCATION: (13)..(15)
105 <223> OTHER INFORMATION: Represent altered recognition elements as compared to P-8/4x
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122 <222> LOCATION: (16)..(18)
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131 <212> TYPE: RNA
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137 <400> SEQUENCE: 7
138 augacugugc uc 12
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156 <213> ORGANISM: Pneumocystis carinii
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161 acacugucua auugcgggga agcccuaaag auucaacuac uaagcaguuu guggaaacac 120
163 agcuguggcc gaguaauag ccugggguau aguaacaug uugaauauga aucuuugcg 180
165 agaagaaaug ggugauccgc agccaagucc uaagggcauu uuugucuaug gaugcaguuc 240
167 aacgacuaga uggcaguggg uauuguaagg aaugcaguu uucuugcagu gcuaaaggua 300
169 uagucuaucc ucuuucgaaa gaaagaguau au 332
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196 <213> ORGANISM: Artificial Sequence
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199 <223> OTHER INFORMATION: Chemically synthesized
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206 <211> LENGTH: 11
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208 <213> ORGANISM: Pneumocystis carinii
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214 <210> SEQ ID NO: 14
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216 <212> TYPE: RNA

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DATE: 07/06/2005

PATENT APPLICATION: US/10/730,261A

TIME: 12:39:07

Input Set : D:\US Utility 50229-418 SubSeq.txt

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217 <213> ORGANISM: Artificial Sequence
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220 <223> OTHER INFORMATION: Chemically synthesized
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226 <210> SEQ ID NO: 15
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228 <212> TYPE: RNA
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
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234 <400> SEQUENCE: 15
235 augacu 6
238 <210> SEQ ID NO: 16
239 <211> LENGTH: 7
240 <212> TYPE: RNA
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
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246 <400> SEQUENCE: 16
247 gugcucu 7
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252 <212> TYPE: RNA
253 <213> ORGANISM: Artificial Sequence
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259 gggaauacca 10
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264 <212> TYPE: RNA
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276 <212> TYPE: RNA
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287 <211> LENGTH: 12
288 <212> TYPE: RNA
289 <213> ORGANISM: Artificial Sequence

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PATENT APPLICATION: US/10/730,261A

TIME: 12:39:07

Input Set : D:\US Utility 50229-418 SubSeq.txt

Output Set: N:\CRF4\07062005\J730261A.raw

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292 <223> OTHER INFORMATION: Chemically synthesized
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300 <212> TYPE: RNA
301 <213> ORGANISM: Artificial Sequence
303 <220> FEATURE:
304 <223> OTHER INFORMATION: Chemically synthesized
306 <400> SEQUENCE: 21
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VERIFICATION SUMMARY

DATE: 07/06/2005

PATENT APPLICATION: US/10/730,261A

TIME: 12:39:08

Input Set : D:\US Utility 50229-418 SubSeq.txt

Output Set: N:\CRF4\07062005\J730261A.raw